

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001885

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7: B29C 53/60, B29C 53/56, B29C 53/82, B65H 54/02

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7: B29C, B65H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

Databases Searched: CPC, USPTO, Delphion, Qweb

Keywords Searched: filament/fiber/tape/yarn, mandrel/mold, tubular/cylindrical, impregnated, resin, composite, winding, wet, dry, transverse/axial, plies, tension

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2,274,328 (ELLIOTT, B.) 10 Dec. 2000 (10-12-2000) ** entire document	1-15
A	CA 748,843 (REED, D.J.) 20 Dec. 1966 (20-12-1966) ** entire document	1-15

Further documents are listed in the continuation of Box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international-type search
04 January 2005 (04-01-2005)

Date of mailing of the international-type search report
02 March 2005 (02-03-2005)

Name and mailing address of the ISA/
Commissioner of Patents
Canadian Patent Office - PCT
Ottawa/Gatineau KIA 0C9
Facsimile No. 1-819-953-9358

Authorized officer
Craig MacMillan (819) 934-3422

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2004/001885

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
CA 2,274,328	10-12-2000	none	
CA 748,843	20-12-1966	none	